Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 02 Oct 2023 until 23:59 on Tuesday 03 Oct 2023

Forecast Issued on Sunday 01 Oct 2023 at 15:44

Confidence: Medium due to movement and position of a waving weather front during Monday.

Headline for Monday 02 Oct 2023: Cloudy with outbreaks of rain.

Mountain weather hazards on Monday 02 Oct 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
	MIST	MIST					
Cloudy	Mist	Mist	Cloudy	Light rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability							
20%	20%	20%	40%	70%	70%	60%	70%

Forecast for Monday 02 Oct 2023

Weather: Mainly dry overnight with patchy low cloud. Cloudy during the day with outbreaks of rain, heavy and perhaps persistent at times.

Chance of cloud-free hill tops above 600m: 70%, but 30% early and late in the day.

Low cloud and visibility: Occasional or patchy cloud around the tops, mainly early and late in day. Visibility mostly good, but moderate in rain, and poor in any cloud over the tops.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Monday 02 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/18 SW	15/20 SW	14/18 SW	12/16 SW	11/15 SW	10/14 SW	5/8 SW	6/8 W	8/11 W
300	9/15 SW	10/15 SW	9/15 SW	8/11 SW	7/11 SW	5/8 SW	3/5 N	3/5 NW	5/8 NW
Valley	5/14 SW	5/14 SW	5/14 SW	5/10 SW	5/10 W	4/8 SW	2/5 NE	2/5 W	4/8 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	10/7	10/7	10/8	10/8	9/7	9/8	9/7	8/6
300	13/12	13/11	12/10	12/11	13/12	12/11	11/11	11/11	10/9
Valley	13/12	12/12	12/11	13/12	14/13	12/12	11/11	11/11	11/10
Freezing Level*	2500m	2300m	2700m	3000m	2900m	2700m	2700m	2600m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some uncertainty in rain details due to slow moving, waving weather front.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 01 Oct 2023	0mm	0mm	0mm

Forecast for Tuesday 03 Oct 2023

Weather: Rather cloudy with patchy rain or showers overnight. Occasional summit cloud and showers during daylight hours with some drier and brighter spells.

Maximum wind: West 25mph gusts 35mph.

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Occasional or extensive cloud, base near or above the tops. Visibility good or very good, falling moderate or poor in showers and any summit cloud.

Temperature: **Valleys:** Plus 8 to 16 Celsius.
At 600m: Plus 6 to 8 Celsius.
Freezing level: Above the summits.

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